

THE STATE SCHOOL AID ACT OF 1979 (EXCERPT)
Act 94 of 1979

388.1699s MiSTEM programs; MiSTEM advisory council; mathematics and science centers; events and competitions hosted by Science Olympiad; grant to Van Andel Education Institute.

Sec. 99s. (1) From the funds appropriated under section 11, there is allocated for 2016-2017 an amount not to exceed \$3,000,000.00 from the state school aid fund appropriation and an amount not to exceed \$1,300,000.00 from the general fund appropriation for Michigan science, technology, engineering, and mathematics (MiSTEM) programs. In addition, from the federal funds appropriated in section 11, there is allocated for 2016-2017 an amount estimated at \$5,249,300.00 from DED-OESE, title II, mathematics and science partnership grants. Programs funded under this section are intended to increase the number of pupils demonstrating proficiency in science and mathematics on the state assessments and to increase the number of pupils who are college- and career-ready upon high school graduation.

(2) From the general fund allocation in subsection (1), there is allocated an amount not to exceed \$50,000.00 to the department for administrative, training, and travel costs related to the MiSTEM advisory council. All of the following apply to the MiSTEM advisory council funded under this subsection:

(a) The MiSTEM advisory council is created. The MiSTEM advisory council shall provide to the governor, legislature, department of talent and economic development, and department recommendations designed to improve and promote innovation in STEM education and to prepare students for careers in science, technology, engineering, and mathematics.

(b) The MiSTEM advisory council created under subdivision (a) shall consist of the following members:

(i) The governor shall appoint 11 voting members who are representative of business sectors that are important to Michigan's economy and rely on a STEM-educated workforce, nonprofit organizations and associations that promote STEM education, K-12 and postsecondary education entities involved in STEM-related career education, or other sectors as considered appropriate by the governor. Each of these members shall serve at the pleasure of the governor and for a term determined by the governor.

(ii) The senate majority leader shall appoint 2 members of the senate to serve as nonvoting, ex-officio members of the MiSTEM advisory council, including 1 majority party member and 1 minority party member.

(iii) The speaker of the house of representatives shall appoint 2 members of the house of representatives to serve as nonvoting, ex-officio members of the MiSTEM advisory council, including 1 majority party member and 1 minority party member.

(c) Each member of the MiSTEM advisory council shall serve without compensation.

(d) The MiSTEM advisory council shall recommend to the governor, the legislature, and the department a statewide strategy for delivering STEM education-related opportunities to pupils and objective criteria for determining preferred STEM programs. The MiSTEM advisory council shall use funds received under this subsection to purchase training for its members or their designees from the Change the Equation STEMworks rating system program for the purpose of rating STEM programs.

(e) Not later than October 15 of each fiscal year, the MiSTEM advisory council shall provide STEM quality ratings for programs recommended for funding under subsection (3). The MiSTEM advisory council shall make specific funding recommendations for the funds allocated under subsection (3) by December 15 of each fiscal year. The amount of each grant recommended shall not exceed \$250,000.00.

(f) If the MiSTEM advisory council is unable to make specific funding recommendations by December 15 of a fiscal year, the department shall distribute the funds allocated under subsection (3) on a competitive grant basis that at least follows the quality guidelines and priority areas recommended by the MiSTEM advisory council. Each grant shall not exceed \$250,000.00 and must provide STEM education-related opportunities for pupils.

(g) The MiSTEM advisory council shall work with directors of mathematics and science centers funded under subsection (4) to connect educators with businesses, workforce developers, economic developers, community colleges, and universities.

(3) From the general fund money allocated under subsection (1), there is allocated for 2016-2017 an amount not to exceed \$1,000,000.00 for the purpose of funding programs under this section for 2016-2017, as recommended by the MiSTEM advisory council.

(4) From the state school aid fund allocation under subsection (1), there is allocated for 2016-2017 an amount not to exceed \$2,750,000.00 to support the activities and programs of mathematics and science centers. In addition, from the federal funds allocated under subsection (1), there is allocated for 2016-2017 an amount estimated at \$5,249,300.00 from DED-OESE, title II, mathematics and science partnership grants, for the purposes of this subsection. All of the following apply to the programs and funding under this subsection:

(a) Within a service area designated locally, approved by the department, and consistent with the comprehensive master plan for mathematics and science centers developed by the department and approved by the state board, an established mathematics and science center shall provide 2 or more of the following 6 basic services, as described in the master plan, to constituent districts and communities: leadership, pupil services, curriculum support, community involvement, professional development, and resource clearinghouse services.

(b) The department shall not award a state grant under this subsection to more than 1 mathematics and science center located in a designated region as prescribed in the 2007 master plan unless each of the grants serves a distinct target population or provides a service that does not duplicate another program in the designated region.

(c) As part of the technical assistance process, the department shall provide minimum standard guidelines that may be used by the mathematics and science center for providing fair access for qualified pupils and professional staff as prescribed in this subsection.

(d) Allocations under this subsection to support the activities and programs of mathematics and science centers shall be continuing support grants to all 33 established mathematics and science centers. For 2016-2017, each established mathematics and science center shall receive state funding in an amount equal to 100% of the amount it was allocated under former section 99 for 2014-2015. If a center declines state funding or a center closes, the remaining money available under this subsection shall be distributed to the remaining centers, as determined by the department.

(e) From the funds allocated under this subsection, the department shall distribute for 2016-2017 an amount not to exceed \$750,000.00 in a form and manner determined by the department to those centers able to provide curriculum and professional development support to assist districts in implementing the Michigan merit curriculum components for mathematics and science. Funding under this subdivision is in addition to funding allocated under subdivision (d).

(f) In order to receive state or federal funds under this subsection, a grant recipient shall allow access for the department or the department's designee to audit all records related to the program for which it receives those funds. The grant recipient shall reimburse the state for all disallowances found in the audit.

(g) Not later than September 30, 2017, the department shall work with the MiSTEM advisory council to revise the comprehensive master plan described in subdivision (a) to ensure that the comprehensive master plan is in compliance with the statewide strategy developed by the council under subsection (2)(d). The comprehensive master plan shall include a review of the feasibility of consolidating and reducing the number of mathematics and science centers.

(h) The department shall give preference in awarding the federal grants allocated under this subsection to eligible existing mathematics and science centers.

(i) In order to receive state funds under this subsection, a grant recipient shall provide at least a 10% local match from local public or private resources for the funds received under this subsection.

(j) Not later than July 1 of each year, a mathematics and science center that receives funds under this subsection shall report to the department in a form and manner prescribed by the department on the following performance measures:

(i) Statistical change in pre- and post-assessment scores for students who enrolled in mathematics and science activities provided to districts by the mathematics and science center.

(ii) Statistical change in pre- and post-assessment scores for teachers who enrolled in professional development activities provided by the mathematics and science center.

(k) As used in this subsection:

(i) "DED" means the United States Department of Education.

(ii) "DED-OESE" means the DED Office of Elementary and Secondary Education.

(5) From the allocations under subsection (1), there is allocated an amount not to exceed \$250,000.00 for 2016-2017 for competitive grants to districts that provide pupils in grades K to 12 with expanded opportunities in science education and skills by participating in events and competitions hosted by Science Olympiad. All of the following apply to the grant funding under this subsection:

(a) A district applying for a grant under this subsection shall submit an application in the form and manner determined by the department not later than November 15, 2016. The department shall select districts for grants and make notification not later than December 15, 2016. To be eligible for a grant, a district shall pay at least 25% of the cost of participating in the Science Olympiad program.

(b) The department shall distribute the grant funding allocated under this subsection for the following purposes:

(i) Grants to districts of up to \$800.00 per new elementary team.

(ii) Grants to districts of up to \$400.00 per established elementary team.

(iii) Grants to districts of up to \$1,600.00 per new secondary team.

(iv) Grants to districts of up to \$800.00 per established secondary team.

(6) From the general fund allocation under subsection (1), there is allocated an amount not to exceed \$250,000.00 for 2016-2017 for a grant to the Van Andel Education Institute for the purposes of advancing and promoting science education and increasing the number of students who choose to pursue careers in science or science-related fields. Funds allocated under this subsection shall be used to provide professional development for science teachers in using student-driven, inquiry-based instruction.

History: Add. 2015, Act 85, Eff. Oct. 1, 2015;—Am. 2016, Act 249, Eff. Oct. 1, 2016.